

ew | **nutrition**



Efficient Poultry Production: Best Practices for Parent Stock and Broilers

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Performance vs Profit -2024

Year	Performance	Profit
2024	Top %25 Performance	\$ 36.315.000,00
2024	Bottom %25 Performance	\$ 29.767.500,00
	Different	\$ 6.547.500,00

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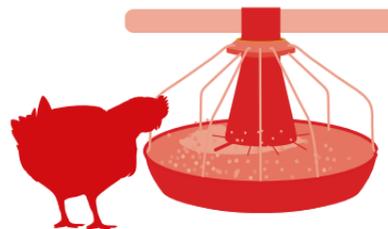
- DO chicks Price: 0.45 USD
- 500.000 PS, per a year

FCR – Key Driver of Economics and Sustainability

Impact of -0.02 FCR Genetic improvement

Processing 1 Million chickens a week

Additional Profit= 936.000 USD



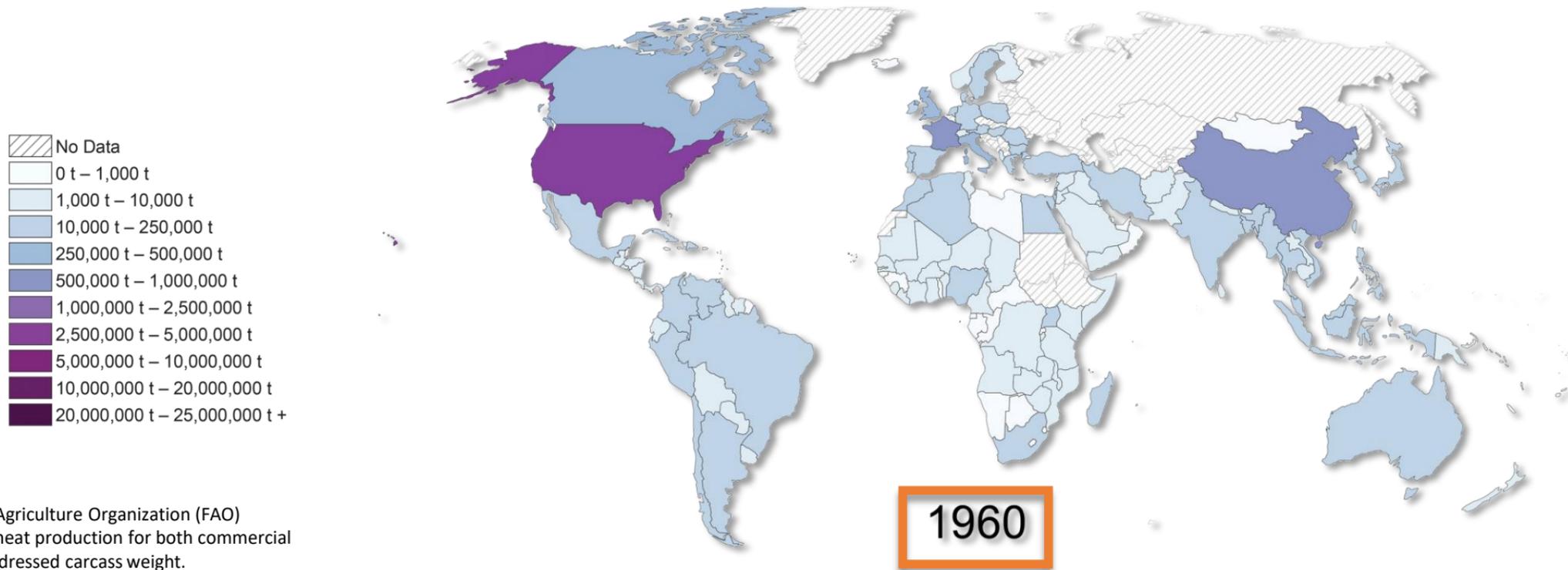
2,650 Tons of Feed
(2.5 kg LWT)

557 hectares
(60% Maize,40% Wheat diets with 30% Soy)
Luxembourg = 258,489 hectares (2x)

4,700 Tons of water
(1.8 Water/Feed)

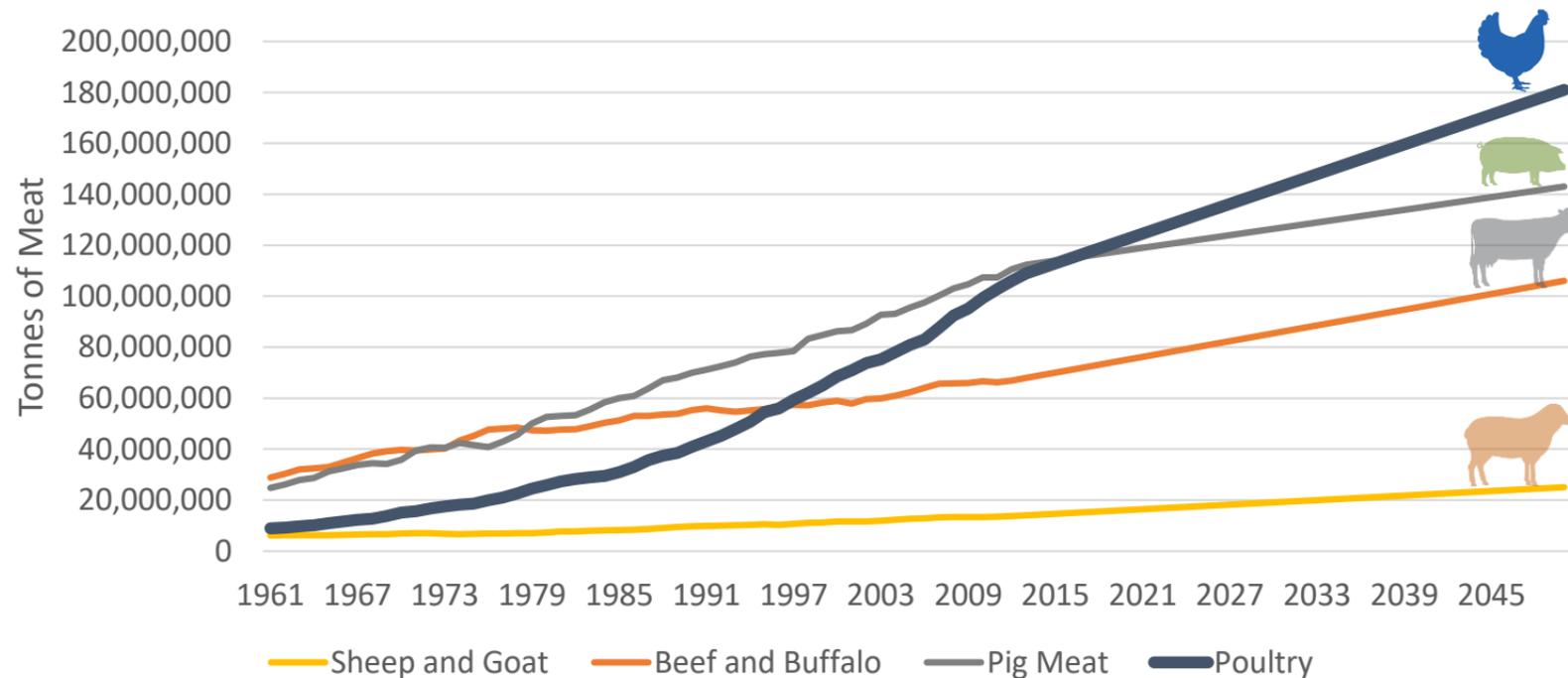
A Global Poultry Transformation

Global Poultry Production 1960 - 2020



Source: UN Food and Agriculture Organization (FAO)
Note: Refers to total meat production for both commercial and farm slaughter at dressed carcass weight.

Global Meat Consumption 1961 – 2050



Data extending from 1961-2013 is based on the UN Food and Agriculture (FAO) Statistics database
Projections to 2050 are based on UN FAO projections under business-as-usual population and forecasted economic growth models.

Aviagen Genetics: From Science to Field Performance



Building for Current and Future needs

- Over 10% of turnover invested in R&D Yearly in UK and US Breeding Programmes
- R&D Capital Investment > \$170M 2017 to 2024
 - Expanding Farming Base, Hatcheries, Processing capacity, Genomics Laboratory, Diagnostic Lab
- This Translates to:
 - **More records for Selection**
 - **Increased accuracy**
 - **Maintain current lead!**

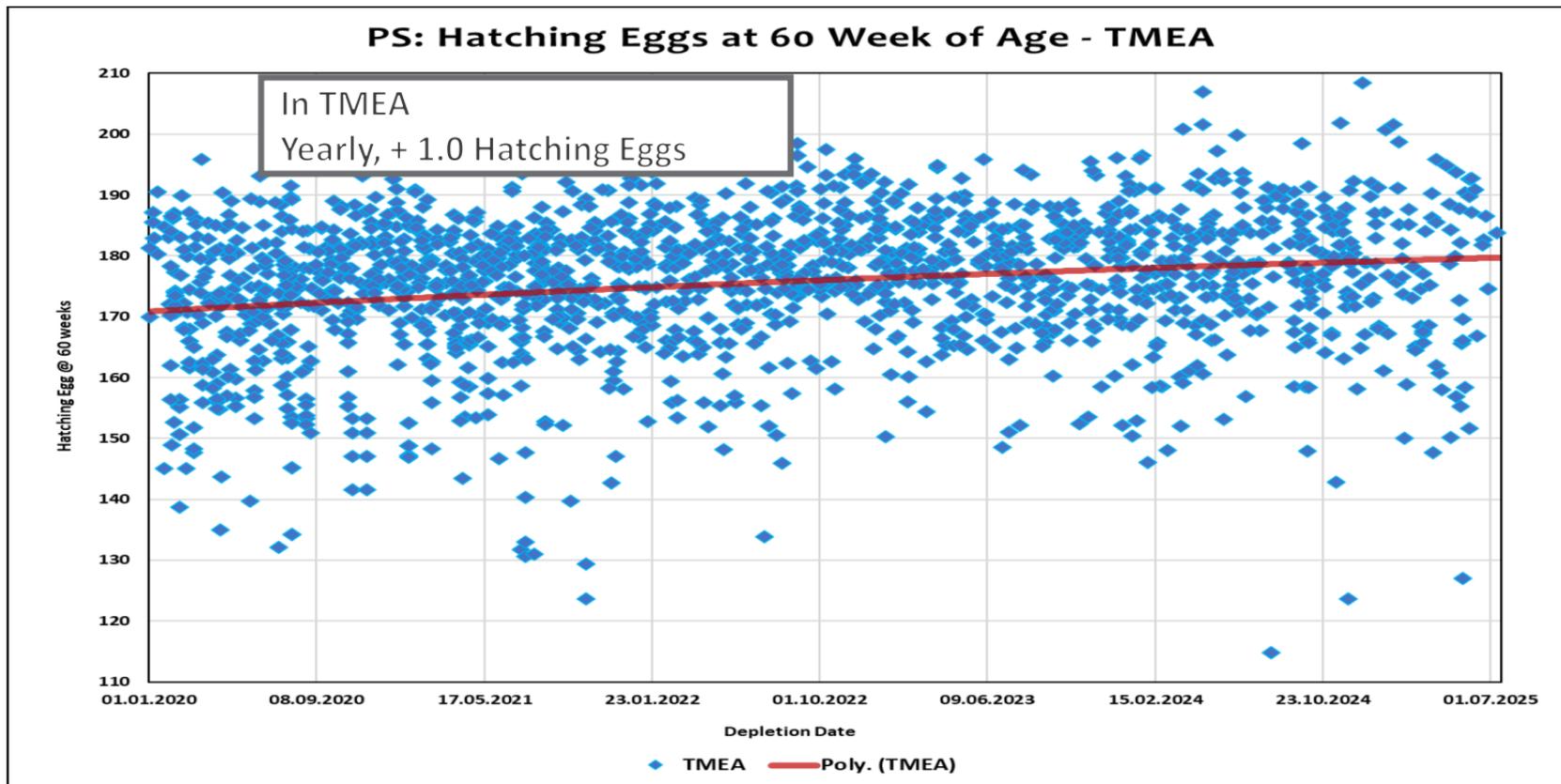


Aviagen
Group
Global Centre for Genomics

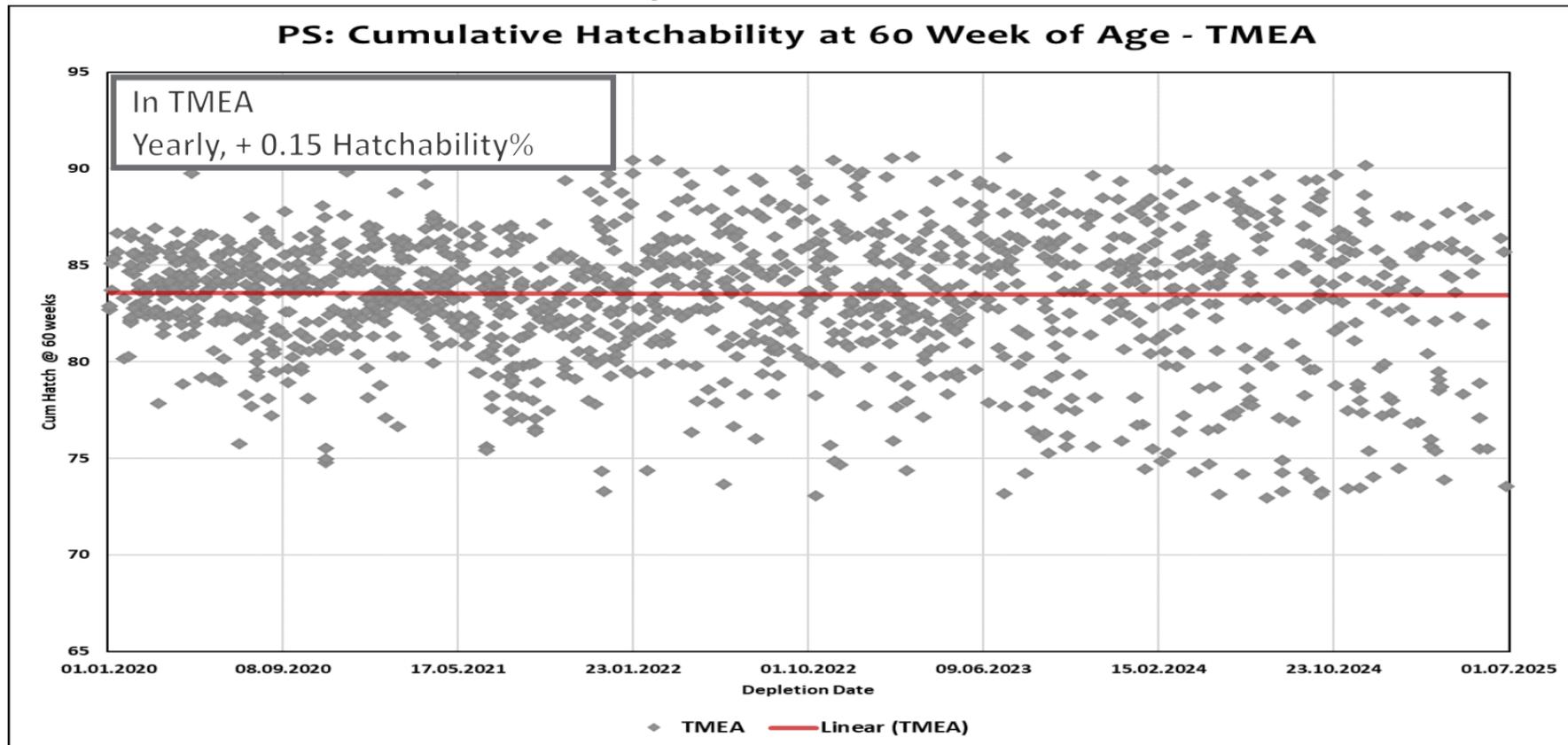


Breeder Performance Trend 2020-2025 Q2

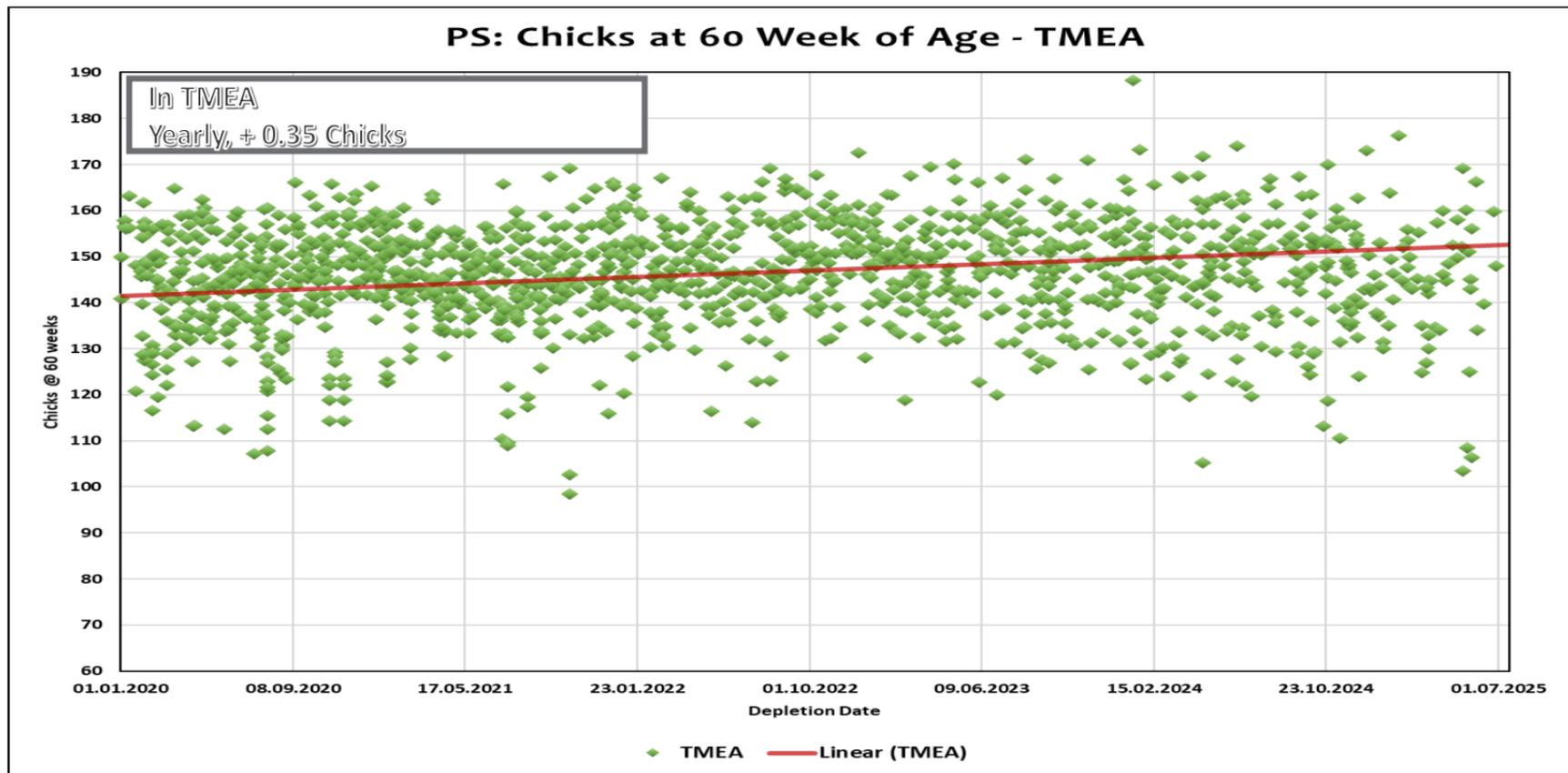
PS Trend 2020-2025 Q2 - Hatching Eggs to 60 Weeks - TMEA



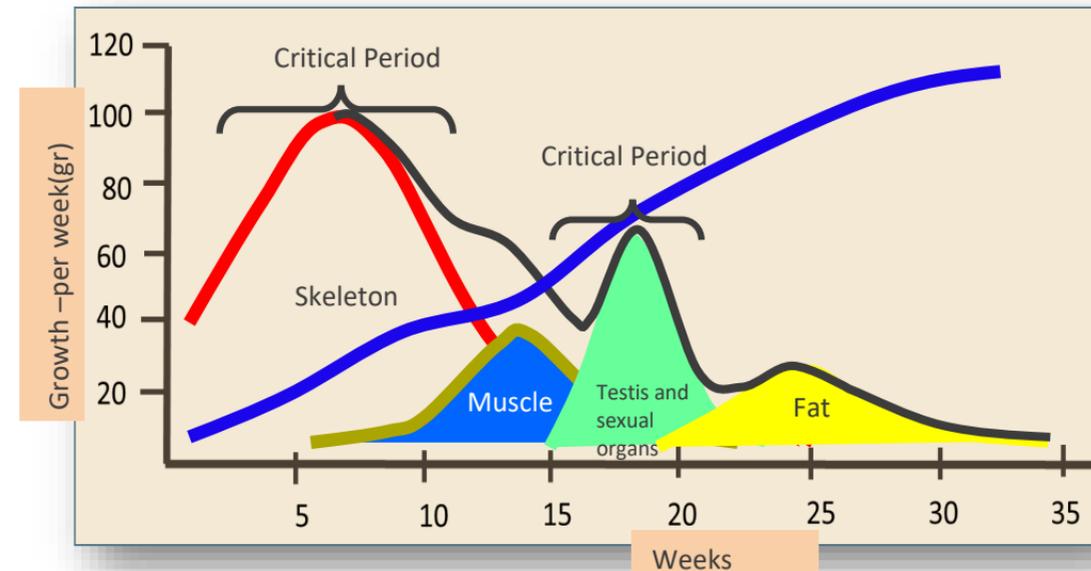
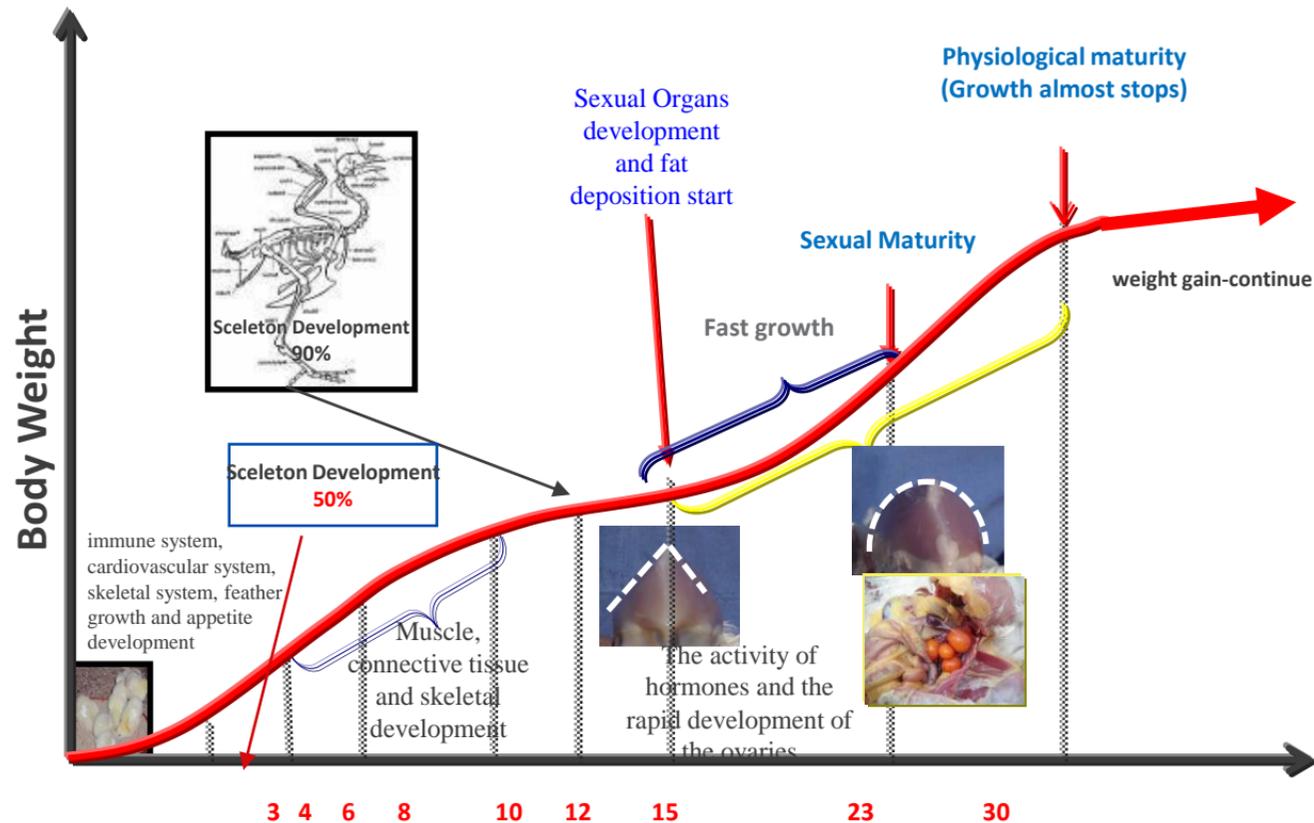
PS Trend 2020-2025 Q2 - Hatchability to 60 Weeks - TMEA



PS Trend 2020-2025 Q2 - Chicks to 60 Weeks - TMEA



Physiological development - Female



The objective of management of feeding into lay:

To promote and support female reproductive performance throughout the laying cycle

Parameters to be MEASURED:

Egg production/daily



Egg weight/daily



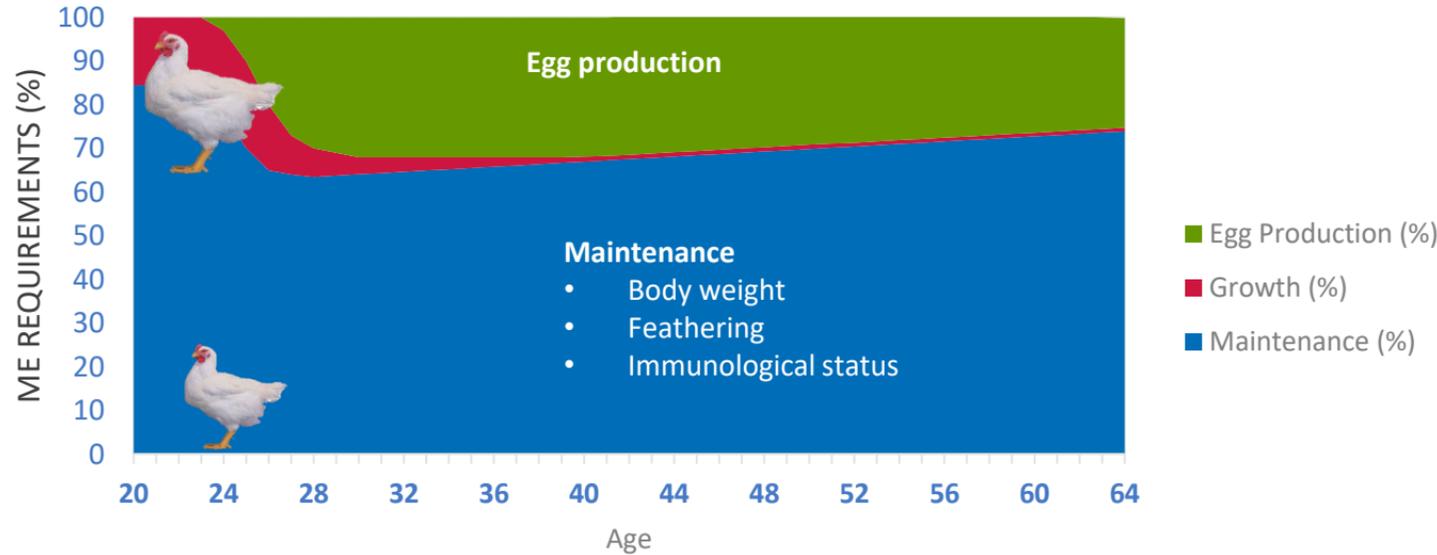
Body weight/weekly



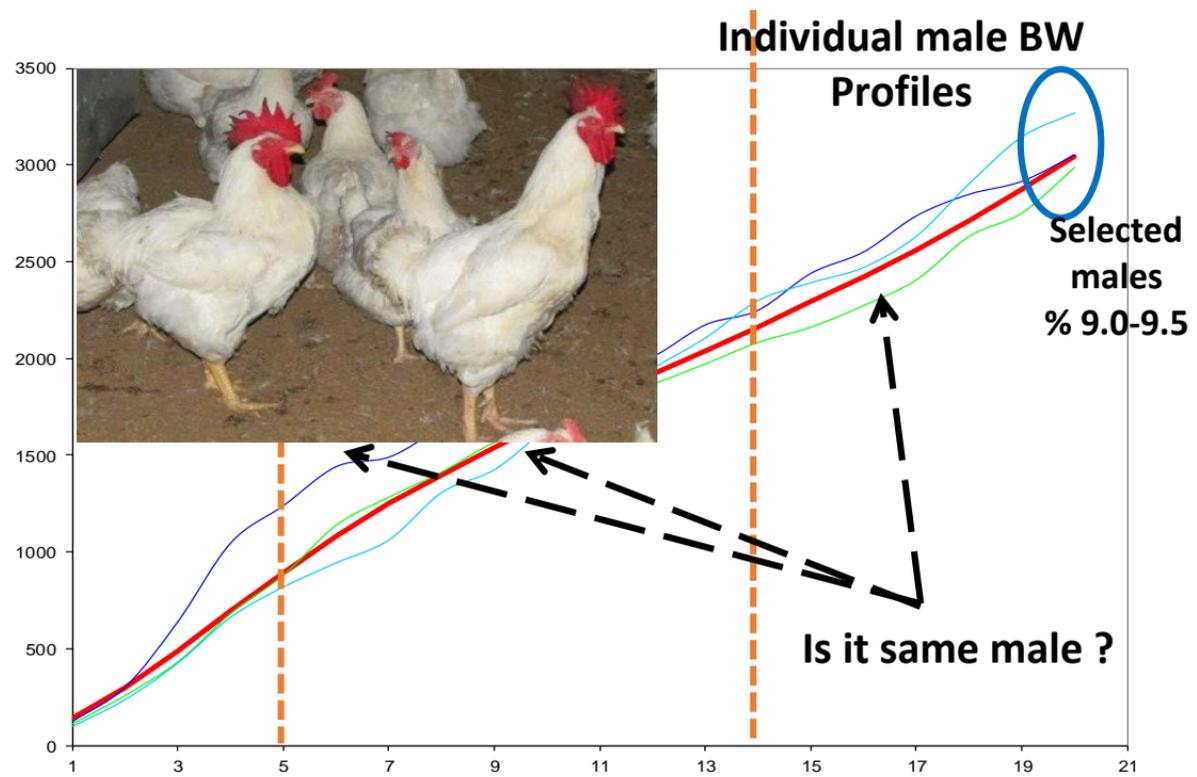
Feed clean-up time/daily



Body condition and fleshing/weekly and on walk through



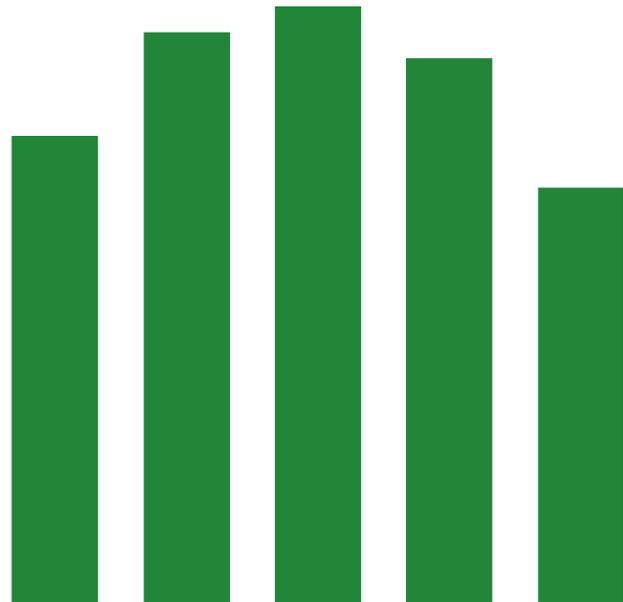
0-21. Week BW Profile



The best males

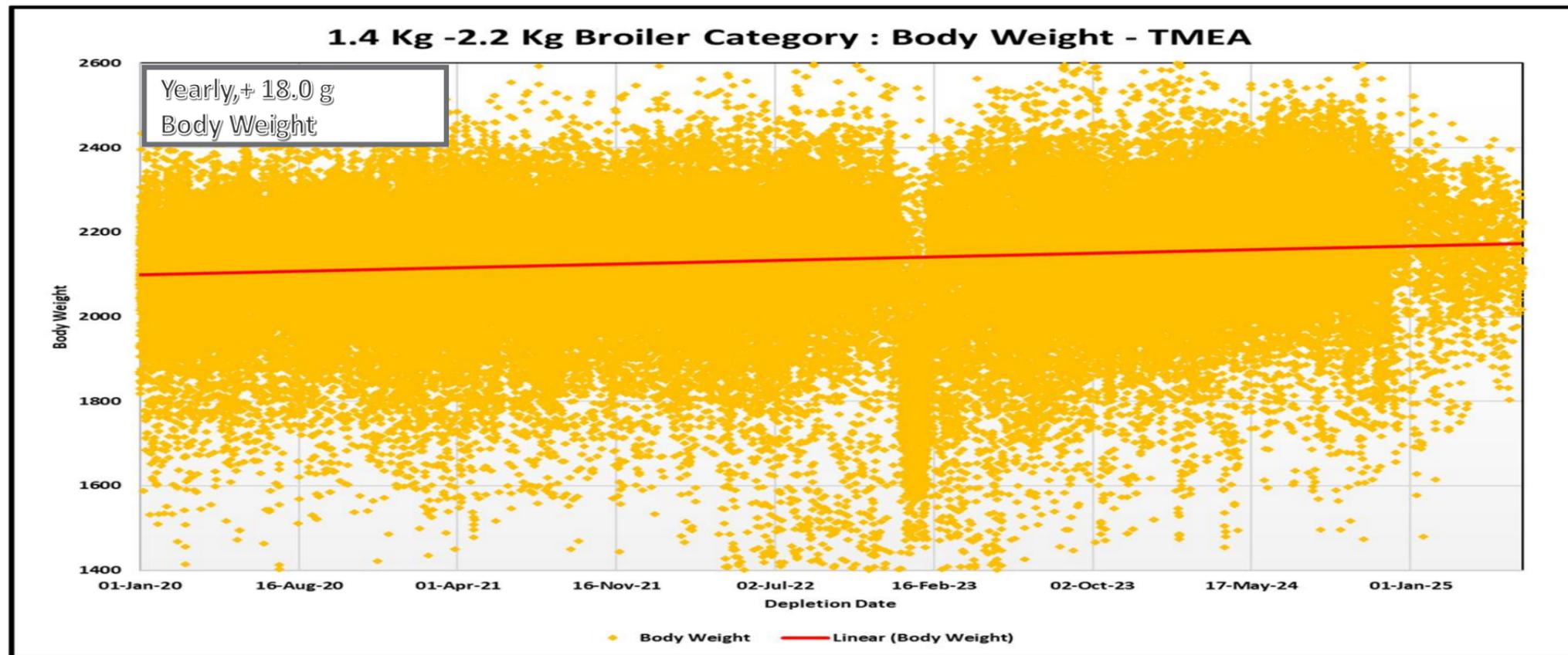


The best fertility and high chicks outcome

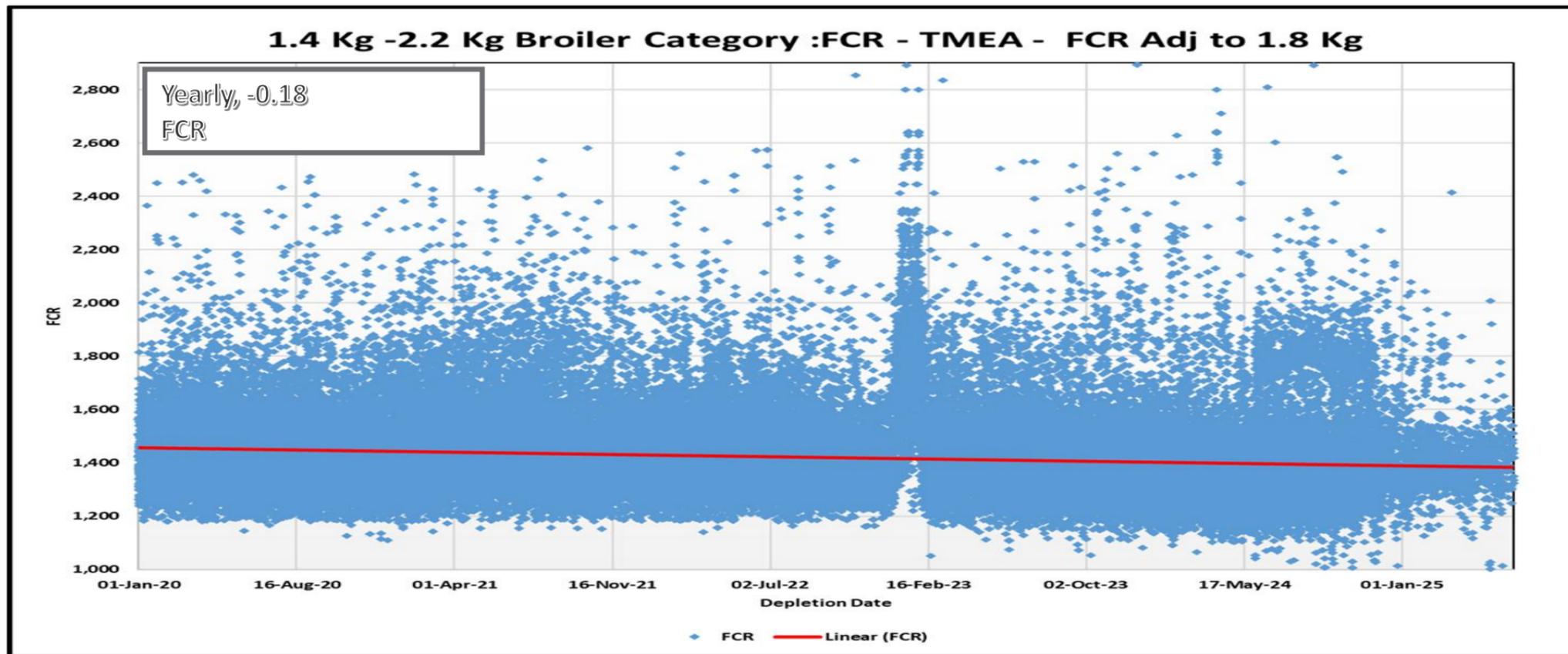


Ross 308 TMEA Broiler Performance Trend 2019-2024

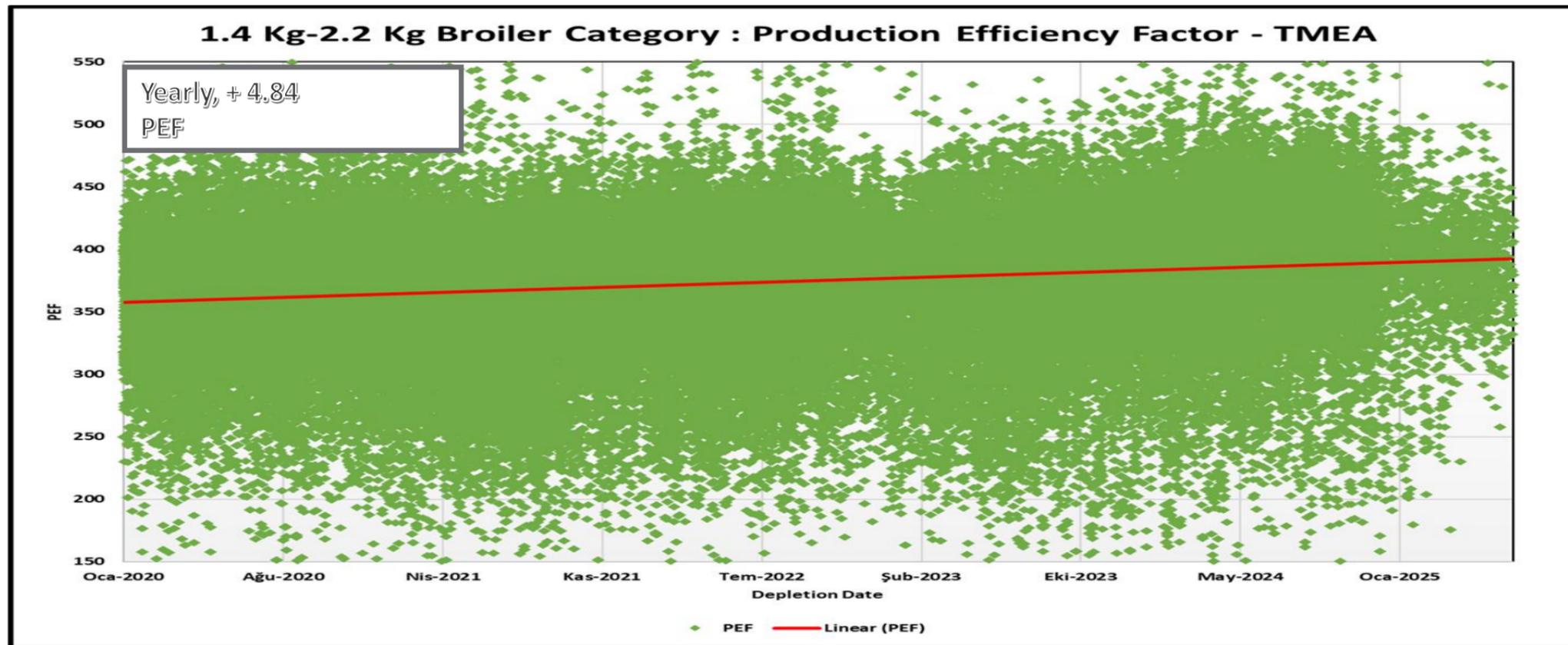
Broiler Category @ 33 Days 1.4 Kg - 2.2 Kg - Body Weight Trend TMEA



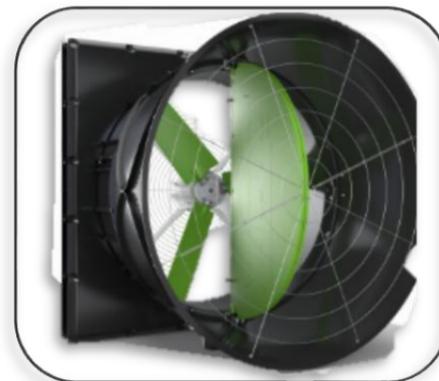
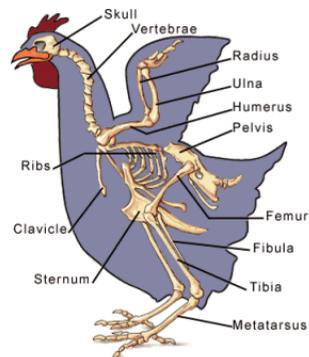
Broiler Category @ 33 Days 1.4 Kg - 2.2 Kg - FCR Trend TMEA



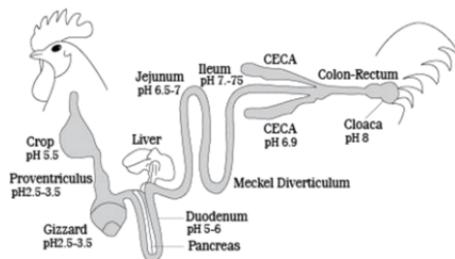
Broiler Category @ 33 Days 1.4 Kg - 2.2 Kg - PEF Trend TMEA



Uniformity, environment, biosecurity, and data-driven decisions



Skeletal Development



The gut development



Focus on Biosecurity, Health, and Welfare



Skilled people & continuous training



Key Takeaways





THANK YOU